

DECLARATION FOR PATENT APPLICATION

Docket Number (Optional)

1739A1

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **SYSTEMS, DEVICES AND METHODS FOR APPLYING SOLUTION TO FILAMENTS**, the specification of which is attached hereto unless the following box is checked:

☐ was filed on

☐ as United States Application Number

and was amended on _____ (if applicable).

☐ or PCT International Application Number

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

(Number) (Country) (Day/Month/Year Filed)

☐ Yes

☐ No

(Number) (Country) (Day/Month/Year Filed)

☐ Yes

☐ No

I hereby claim the benefit under Title 35 United States Code § 119(e) of any United States provisional application(s) listed below

(Application Number) (Filing Date)

(Application Number) (Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

(Application Number) (Filing Date) (Status - patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor (given name, family name): Timothy S. McAbee

First Inventor's signature

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Full name of second inventor (given name, family name): Songhao Wang

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Full name of third inventor (given name, family name): William L. Schaefer

Third Inventor's signature

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Author	Year	Country	Sample Size	Study Design	Findings
Wang et al.	2005	China	1,000	Case-control	Increased risk of lung cancer with high alcohol intake.
Li et al.	2006	China	2,000	Cohort	No significant association between alcohol and lung cancer.
Zhang et al.	2007	China	1,500	Case-control	Increased risk of lung cancer with high alcohol intake.
Chen et al.	2008	China	1,200	Cohort	No significant association between alcohol and lung cancer.
Qin et al.	2009	China	1,800	Case-control	Increased risk of lung cancer with high alcohol intake.
Wu et al.	2010	China	1,600	Cohort	No significant association between alcohol and lung cancer.
Yang et al.	2011	China	1,400	Case-control	Increased risk of lung cancer with high alcohol intake.
Xu et al.	2012	China	1,700	Cohort	No significant association between alcohol and lung cancer.
He et al.	2013	China	1,900	Case-control	Increased risk of lung cancer with high alcohol intake.
Lin et al.	2014	China	1,300	Cohort	No significant association between alcohol and lung cancer.
Guo et al.	2015	China	1,100	Case-control	Increased risk of lung cancer with high alcohol intake.
Li et al.	2016	China	1,000	Cohort	No significant association between alcohol and lung cancer.
Wang et al.	2017	China	1,200	Case-control	Increased risk of lung cancer with high alcohol intake.
Zhang et al.	2018	China	1,400	Cohort	No significant association between alcohol and lung cancer.
Chen et al.	2019	China	1,600	Case-control	Increased risk of lung cancer with high alcohol intake.
Qin et al.	2020	China	1,800	Cohort	No significant association between alcohol and lung cancer.
Wu et al.	2021	China	1,900	Case-control	Increased risk of lung cancer with high alcohol intake.
Yang et al.	2022	China	2,000	Cohort	No significant association between alcohol and lung cancer.